

ADEQ's role in renewable energy siting, production and/or transmission is primarily in the issuance of air and water pollution control permits that are protective of human health and the environment. ADEQ is also a member of the Power Plant and Line Siting Committee

ADEQ's past experience and expected future involvement include:

- Engaging in pre-application meetings with potential permittees, enabling them to understand all permit-related requirements, resulting in more complete applications that can be processed expeditiously.
- Permit development and issuance, including negotiating permit terms and conducting applicable public notice and comment processes.
- Developing general permits to reduce the regulatory uncertainty and time needed to obtain a permit.

The following table summarizes ADEQ's experience to date:

Renewable project type	Solar	Wind	Natural gas	Other (e.g. biomass, biofuels and gasification)
Projects in design	10	4	1	3
Project pre-application meetings	7		1	1
Applications under review	1			
Permits issued				4 ⁱ

ADEQ coordinates most frequently with the State Land Department. Federal agencies involved in ADEQ permitting include EPA, Army Corps of Engineers, Bureau of Land Management and Forest Service.

Opportunities for improved, energy-focused permitting include: accelerated permit processing using outside consultants; use of existing air quality general permits for ancillary equipment associated with concentrated solar, photovoltaic and wind projects; and the development of additional air and water quality general permits for specific categories of renewable projects, including but not limited to algae biofuels.

ⁱ Four air quality permits issued for biomass-fueled power plants (Snowflake White Mountain Power - two projects both near Snowflake, Western Renewable Energy near Eager, and Arizona Public Service near Snowflake.)